Online appendix.

Principle Investigators: The successful completion of this study required the assistance of multiple investigators:

- Dr. David D'Alessio, University Internal Medicine, Cincinnati, OH;
- Dr. Ralph DeFronzo, Texas Diabetes Institute, San Antonio, TX;
- Dr. Ira Goldfine, University of California, San Francisco;
- Dr. Osama Hamdy, Joslin Diabetes Center, Boston, MA;
- Dr. Christian Meyer, Carl T. Hayden VA Medical Center, Phoenix, AZ;
- Dr. Daniel Stein, Albert Einstein College of Medicine, Bronx, NY;
- Dr. Adrian Vella, Mayo Clinic, Rochester, MN;
- Dr. James Capo, Executive Health and Research Associates, Atlanta, GA;
- Dr. Samuel Crockett, Florida Hospital Diabetes Center, Orlando, FL;
- Dr. David Fitz-Patrick, East-West Medical Research, Honolulu, HI;
- Dr. Susan Greco, Jacksonville Center for Clinical Research, Jacksonville, FL;
- Dr. Randal Jacks, Hill Country Medical Associates, New Braunfels, TX;
- Dr. Rowan DeBold, International Diabetes Center, Minneapolis, MN;
- Dr. Leslie Klaff, Ranier Clinical Research Center, Inc., Renton, WA;
- Dr. Steven Leveston, Berkshire Medical Center, Pittsfield, MA;
- Dr. Ruth Weinstock, SUNY Upstate Medical University, Syracuse, NY;
- Dr. Carol Wysham, Rockwood Clinic P.S., Spokane, WA;
- Dr. Mary Ann Banerji, SUNY Downstate Medical Center, Brooklyn, NY.

This study was supported by a grant from Lilly USA, LLC and Amylin Pharmaceuticals, Inc.

Supplemental Figure

Randomized
All patients 141 (clamp 73)

Withdrew before receiving study medication All patients 4 (clamp 3)

Exenatide Intent to treat (ITT) All patients 45 (clamp 23) Exenatide + Rosiglitazone Intent to treat (ITT) All patients 47 (clamp 24) Rosiglitazone Intent to treat (ITT) All patients 45 (clamp 23)

Completed Withdrew	<u>all</u> 33 12	<u>clamp</u> 16 7	
Reason for withdrawal			
Adverse event	2	1	
Protocol violation	4	2	
Physician decision	1	1	
Subject decision	5	3	

	<u>all</u>	clamp	
Completed	34	18	
Withdrew	13	6	
Reason for withdrawal			
Adverse event	5	1	
Lost to follow-up	2	1	
Protocol violation	3	1	
Physician decision	1	1	
Subject decision	1	1	
Sponsor decision	1	1	

Completed	<u>all</u> <u>c</u> 34	<u>lamp</u> 16		
Completed	34	10		
Withdrew	11	7		
Reason for withdrawal				
Adverse event	1	1		
Lost to follow-up	3	1		
Protocol violation	3	3		
Subject decision	4	2		